

Title (en)
Swivel ring for lifting loads

Title (de)
Wirbelöse zum Heben von Lasten

Title (fr)
Anneau articulé pour le levage de charges

Publication
EP 1069067 B1 20050928 (FR)

Application
EP 99630058 A 19990709

Priority
EP 99630058 A 19990709

Abstract (en)
[origin: EP1069067A1] The lifting ring has a anchor bolt (13) with a sleeve that is assembled by shrinkage or threading onto the bolt. A plate (16) is arranged at one end, and when assembled this plate is distant from the head of the bolt. A fixture (14) is provided for the ring (11). This is adapted so as to fit over the sleeve and hold the ring so that it can move with respect to the bolt, and hold the ring in place by engaging with the plate and the sleeve.

IPC 1-7
B66C 1/66

IPC 8 full level
B66C 1/66 (2006.01)

CPC (source: EP US)
B66C 1/66 (2013.01 - EP US); **Y10T 403/32213** (2015.01 - EP US); **Y10T 403/32975** (2015.01 - EP US)

Cited by
LU102432B1; CN108367899A; FR2880084A1; LU92951B1; RU2712719C1; US2015071732A1; US10988349B2; WO2017125492A1; WO2015004126A1; DE212014000152U1; DE202022100258U1; EP3263505A1; WO2018002136A1; US10421644B2; EP2241527A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1069067 A1 20010117; **EP 1069067 B1 20050928**; AT E305435 T1 20051015; DE 69927493 D1 20051103; DE 69927493 T2 20060622; ES 2249877 T3 20060401; US 6293600 B1 20010925

DOCDB simple family (application)
EP 99630058 A 19990709; AT 99630058 T 19990709; DE 69927493 T 19990709; ES 99630058 T 19990709; US 60507900 A 20000628